

History of Modern Medicine: 18th-20th Centuries HSMT 140.106. Spring 2003

Welcome to the History of Modern Medicine, 18th-20th century. We will be meeting Monday-Wednesday, 10-11 a.m. Mondays and Tuesdays are lectures, and on Wednesdays, you will meet with your section leaders.

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Office Hours: Monday, 11-12, 3505 Charles St.

TAs: Keith Barbera, Alexa Green, James Schafer.

Requirements and grading:

The course is organized into two lectures and one discussion section per week. Doing well in this course requires regularly attending lectures, participating in discussions and keeping up with the readings.

Your grade will be based on the following: participation in discussion section (20%); written assignments (30%); mid-term exam (20%); final exam (30%).

For each Wednesday, primary and secondary sources are listed that will form the basis of the discussion. You are responsible for the pages in Lindemann or Bynum, but they are intended to supplement the main readings and the lectures for that week.

Required Texts (in bookstore):

Mary Lindemann, *Medicine and Society in Early Modern Europe*, Cambridge University Press, 1999.

William F. Bynum, *Science and Medical Practice in the 19th Century*, Cambridge University Press, 1995.

All other readings for the course are on reserve at the Eisenhower Library and on the library website. Look for "reserve readings" and the course number or the instructor's name.

Jan. 27th Living and Dying in the Ancien Regime

Jan. 28th The Theoretical Basis of Medicine

Jan. 29th Discussion

Hippocratic Writings, ed. G.E.R. Lloyd, Harmondsworth: Penguin Books, 1978. "On the Sacred Disease", sections 8-18 (pp. 242-249).

Kenneth Dewhurst, ed., *Willis's Oxford Casebook (1650-52)*, Oxford: Sandford Publications, pp. 81-82.
Lindemann, pp. 12-17; 21-28; 66-70.

Feb. 3 Practitioners

Feb. 4 Patients

Feb. 5 Discussion

Laurel Thatcher Ulrich, *A Midwife's Tale*, pp. 1-71.

Lindemann, pp. 200-206, 212-230

Feb. 10 Mechanizing the Body

Feb. 11 Hospitals

Feb. 12 Discussion:

John M.T. Ford (ed), *A Medical Student at St Thomas's Hospital, 1801-1802. The Weekes Family Letters*, London: Wellcome Inst., 1987, Letters 4-10, pp. 37-52.

Lindemann, pp.77-85, 129-141.

Feb. 17 Presidents' Day no class

Feb. 18 Policing the Body, Policing Society: Hygiene in the 18th Century

Feb. 18 PAPER #1 DUE

Feb. 19 Discussion:

Stephen Hales, *A Description of Ventilators*, London: Innys, Manby and Woodward, 1743, pp. iii-xx and 39-42.

Johann Peter Frank, "Academic Address on the People's Misery: Mother of All Diseases," *Bulletin of the History of Medicine* 9 (1941), [first published 1790] pp. 88-100.

Lindemann, pp.141-146; 177-184.

Feb. 24 Categorizing the Body: Gender and Race

Feb. 25 Seeing the Body: The Paris Clinic

Feb. 26 Discussion:

R.T.H. Laennec, *A Treatise on Disease of the Chest*, pp. 1-16, 297-310.

Bynum, pp. 25-46.

March 3 Medical Practice in the 19th Century

March 4 Women and the Body

March 5 MID TERM EXAM

March 10-16 SPRING BREAK

March 17 Fevers, Miasma and Public Health Reform

March 18 Epidemics: Cholera in the 19th Century

March 19 Discussion:

W.P. Alison, *Observations on the Generation of Fever*, Local Government Board, Report No 2 in *British Parliamentary Papers: Health*. Shannon: Irish University Press, 1971-73.

Edwin Chadwick, *Report on the Sanitary Condition of the Labouring Classes of Great Britain* [1842]. Edinburgh: Edinburgh University Press, 1962, pp. 163-170; 181-182; 195-201.
Bynum, pp. 55-91.

March 24 Making Medicine Scientific

March 25 Germ Theories

March 26 Discussion:

Robert Koch, "The Etiology of Tuberculosis [1884]" in *Essays of Robert Koch* (New York: Greenwood Press, 1987),

"Discussion on the Advisability of the Registration of Tuberculosis," *Transactions of the College of Physicians of Philadelphia* 16 (1894), 1-27.

Bynum, *Science and Practice*, pp. 92-136.

March 31 Making Medical Miracles

April 1 The New Public Health

April 2 Discussion:

George A. Soper, "Typhoid Mary," *Military Surgeon* 45 (July, 1919), 2-15.

William Henry Welch, "Sanitation In Relation to the Poor [1891]," in W.H. Welch, *Papers and Addresses*. Baltimore: The Johns Hopkins Press, 1920, vol. 1, 588-598.

John E. Hunter, "Tuberculosis in the Negro: Causes and Treatment," *Colorado Medical Journal* 7 (1905), pp. 250-257.

Bynum, pp. 152-75.

April 7 Reforming Medical Education

April 8 Re-Making the Hospital

April 9 Discussion:

Abraham Flexner, *Medical Education in the United States and Canada*. New York: Carnegie Foundation for the Advancement of Teaching, 1910, 21-27; 42-59, 141-146, 151--155, 178-181.

Isabella Vandervall, "Some Problems of the Colored Woman Physician" *Woman's Medical Journal* 27 (1917), 156-158.

Bynum, pp. 176-217.

April 14 Tuskegee: Medicine and Race in America

April 15 The Eugenics Movement

April 16 Discussion:

Walter J. Hadden and Charles H. Robinson, *The Science of Human Life and Eugenics*, n.p., 1914, pp. 1-21; 95-107.

April 21 Medical Therapeutics in the 20th Century: The State and the Market

April 22 Medicine and the State: Paying for Health

April 23 Discussion:

Chris Feudtner, "The Want of Control: Ideas, Innovations and Ideals in the Modern Management of Diabetes Mellitus," *Bulletin of the History of Medicine* 69 (Spring, 1995), 66-90.

April 28 Childbirth Enters the Hospital

April 29 The Mortality Decline

April 30 Final Exam

Paper Topics

You will write two short papers analyzing primary sources. Chose one or two sources from each group below, and write a 5-7 page paper analyzing a theme in the source(s). These sources are on the library's website, as a part of the readings for the course. For example, you might choose to compare and contrast Cheyne's and Morgagni's analysis of disease processes, or Cheyne's and

Case's appeals to their patients, or analyze how Morgagni presents himself as an authoritative figure.

Sources for Paper #1, due Feb 18:

Seventeenth-century London advertisements for practitioners: Margaret Searl, "Advertisement"; J. Case; "The Sick may have Advice for nothing".

Giambattista Morgagni, *The Clinical Consultations of Giambattista Morgagni*, ed. Saul Jarcho, Boston: Countway Library, 1984, Consultation XLVI, pp. 169-171.

George Cheyne, *The English Malady*, (1733) reprint edition, edited by Roy Porter, London: Tavistock/Routledge, 1991, pp. 1-5; 307-311.

Sources for Paper #2, due April 23:

William Cadogan, *An Essay on Nursing and the Management of Children*, London: Robert Horsefield, 1764, pp. 1-17.

Samuel J. Meltzer, "The Science of Clinical Medicine. What It Ought to Be and the Men to Uphold It," *JAMA* 53 (August 14, 1909), 508-512.

Daniel W. Cathell, *The Physician Himself and What He Should Add to the Strictly Scientific*, [9th edn] Philadelphia: F.A. Davis, 1889, pp. 1-27.

Molly Ladd-Taylor, ed., *Raising Baby the Government Way: Mothers' Letters to the Children's Bureau, 1915-1932*, Brunswick, NJ: Rutgers University Press, 1986, pp. 61-63; 133-38.

L.C. Allen, "The Negro Health Problem", *American Journal of Public Health* n.s. 5 (1915) 194-202.